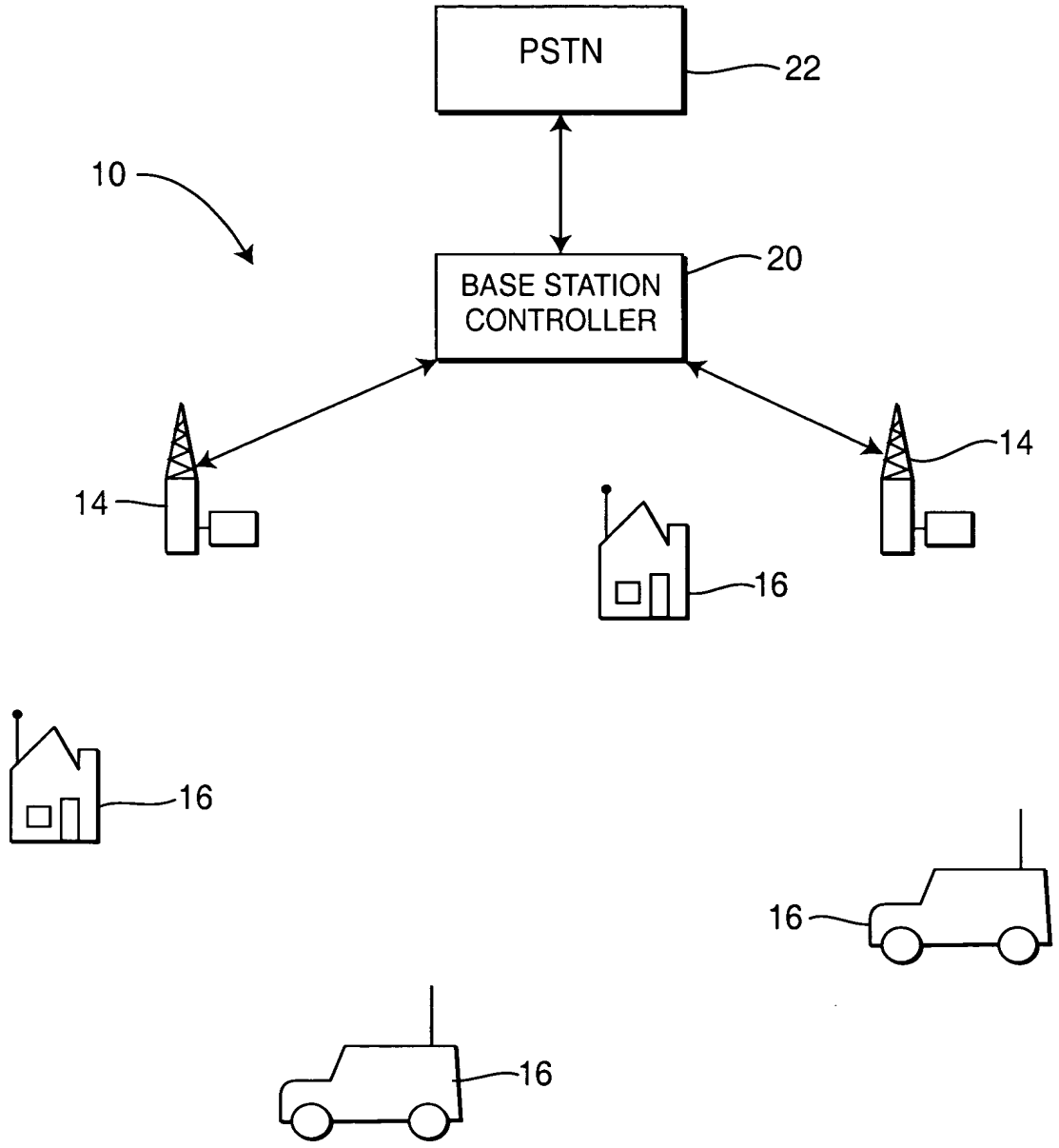

FIG. 1

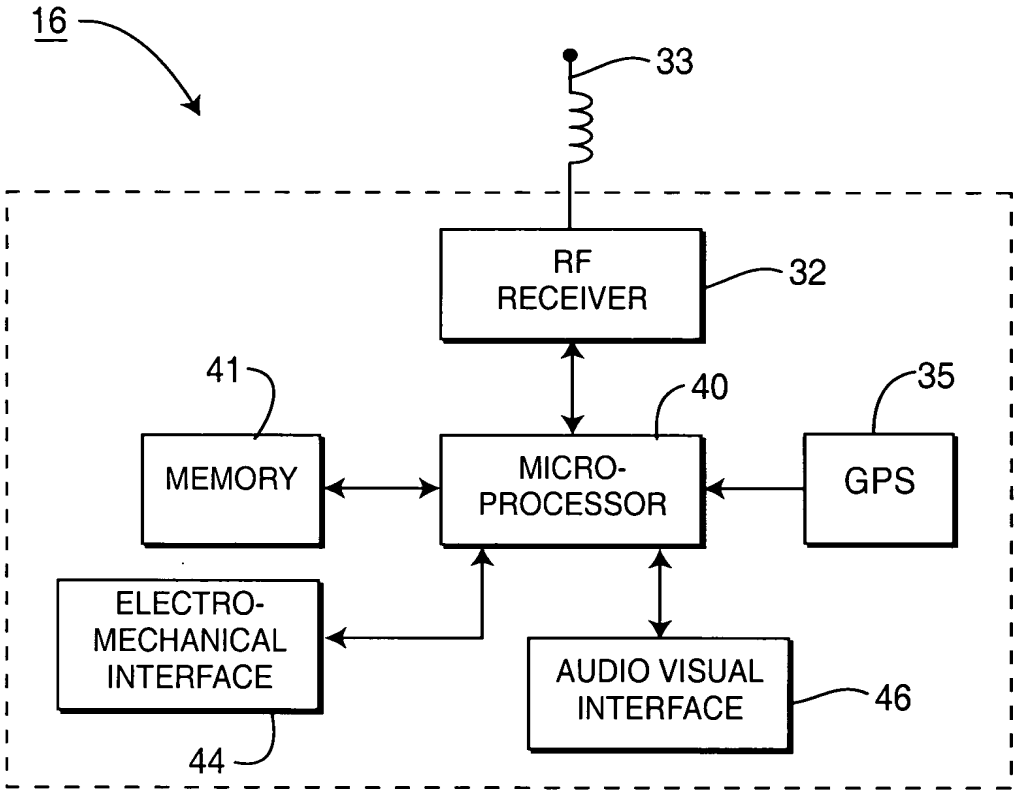

FIG. 2

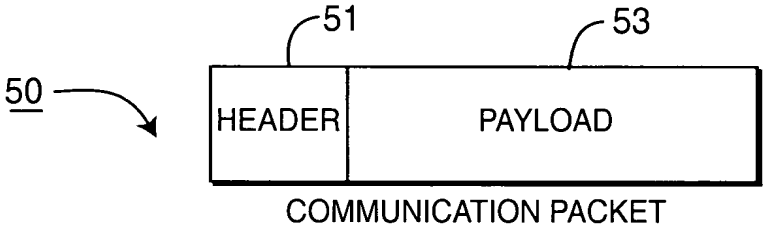

FIG. 3A

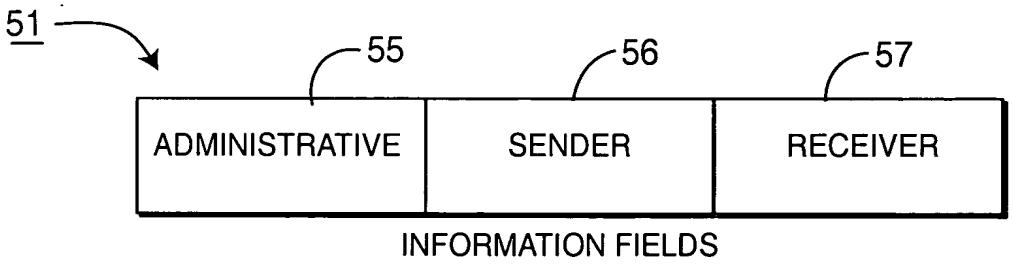

FIG. 3B

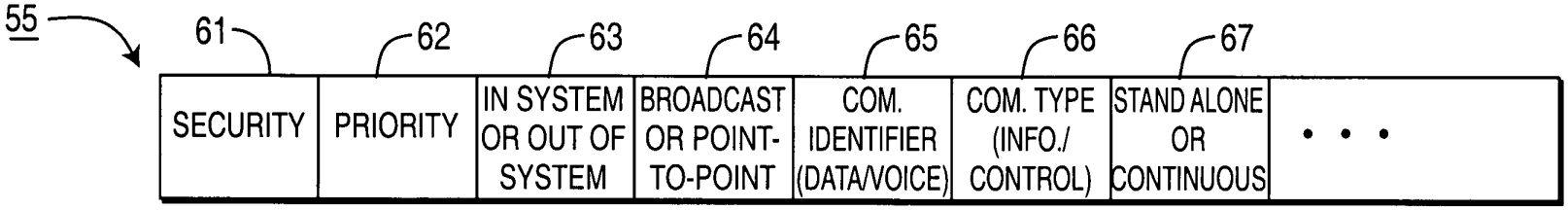

FIG. 3C

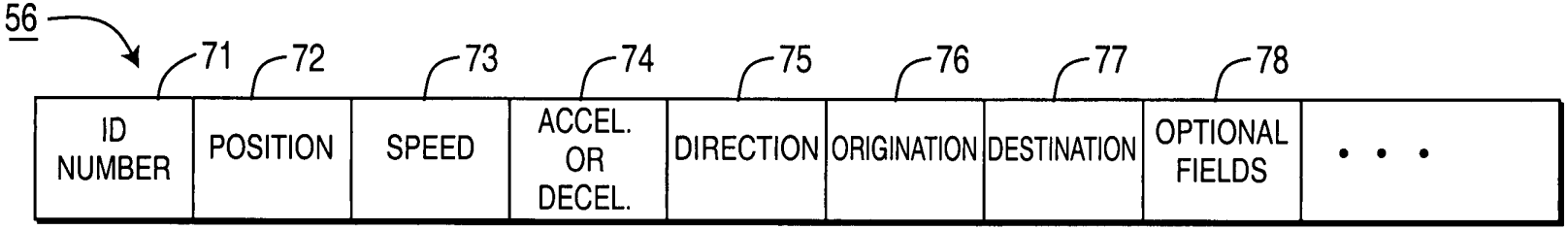

FIG. 3D

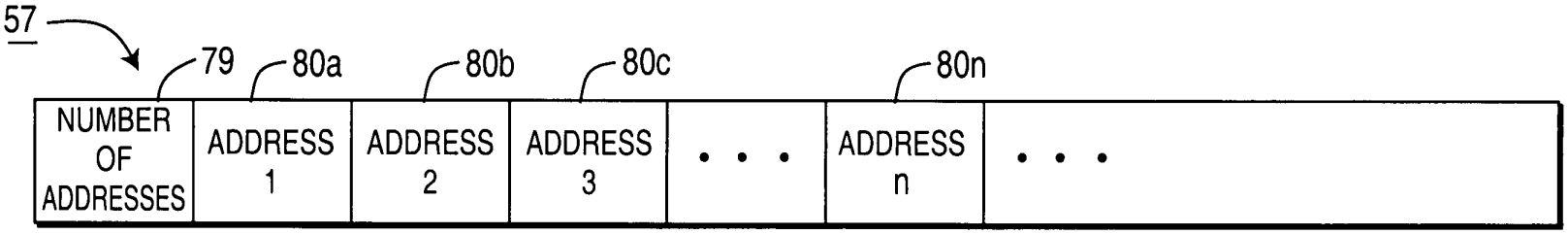

FIG. 3E

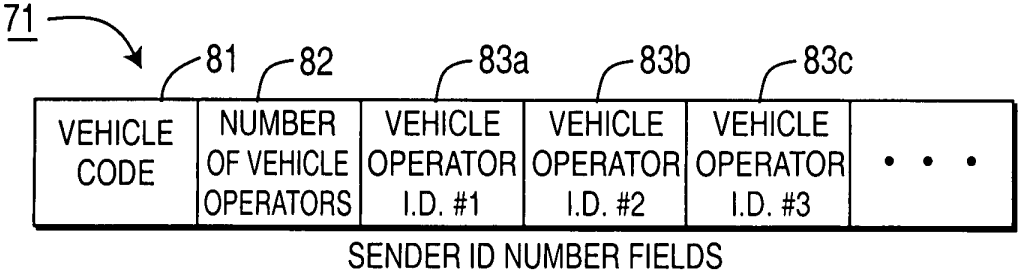

FIG. 3F

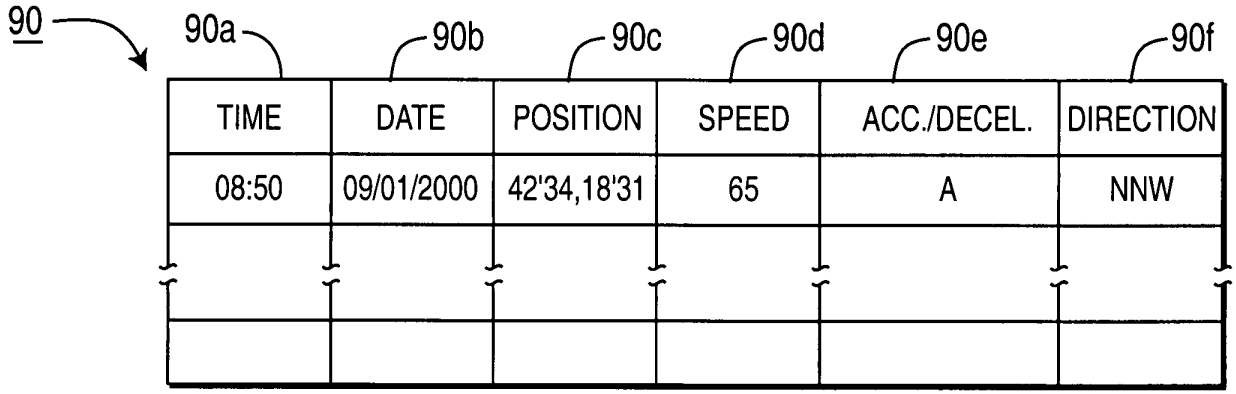

FIG. 4A

92

92a TIME	92b DATE	92c INCOMING/ OUTGOING	92d ADDRESSES	92e PRIORITY	92f BROADCAST/ POINT-TO-POINT	92g IN/OUT OF SYSTEM	92h SECURITY	92i DATA/ VOICE	92j INFO/ CONTROL	92k CONTENTS
08:52	09/01/2000	I	432967185	4	B	I	5	V	I	TRAFFIC MESSAGE
12:08	09/01/2000	I	458341788	1	P	I	1	D	C	REDUCE SPEED CONTROL INSTRUCTION

FIG. 4B

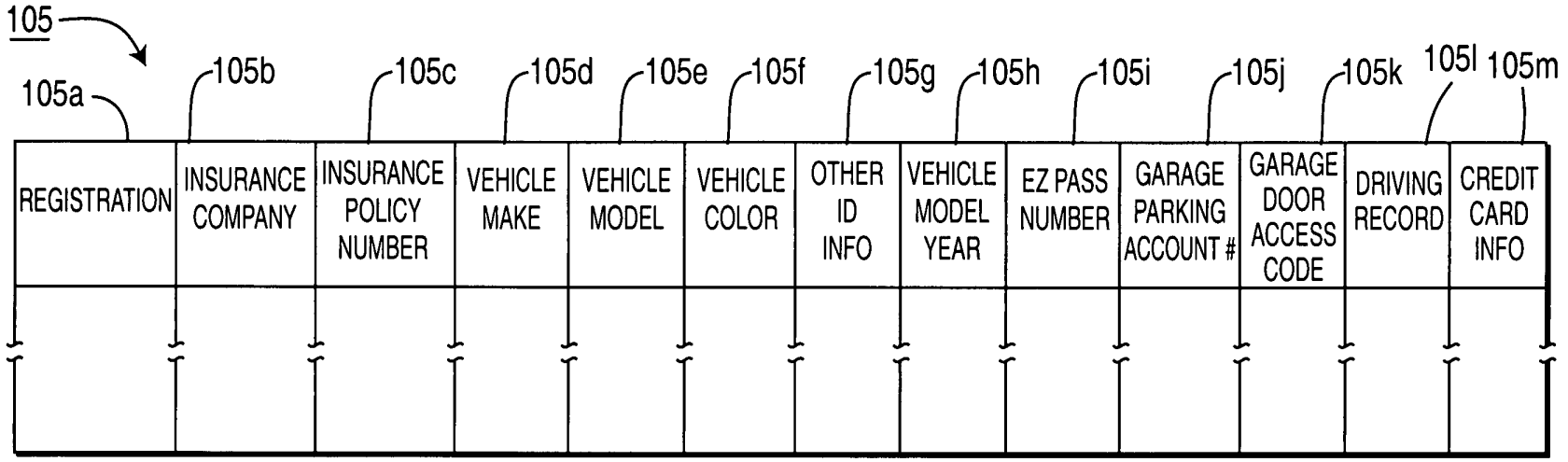
105
105a
105b
105c
105d
105e
105f
105g
105h
105i
105j
105k
105l
105m
REGISTRATION
INSURANCE COMPANY
INSURANCE POLICY NUMBER
VEHICLE MAKE
VEHICLE MODEL
VEHICLE COLOR
OTHER ID INFO
VEHICLE MODEL YEAR
EZ PASS NUMBER
GARAGE PARKING ACCOUNT #
GARAGE DOOR ACCESS CODE
DRIVING RECORD
CREDIT CARD INFO

FIG. 4C

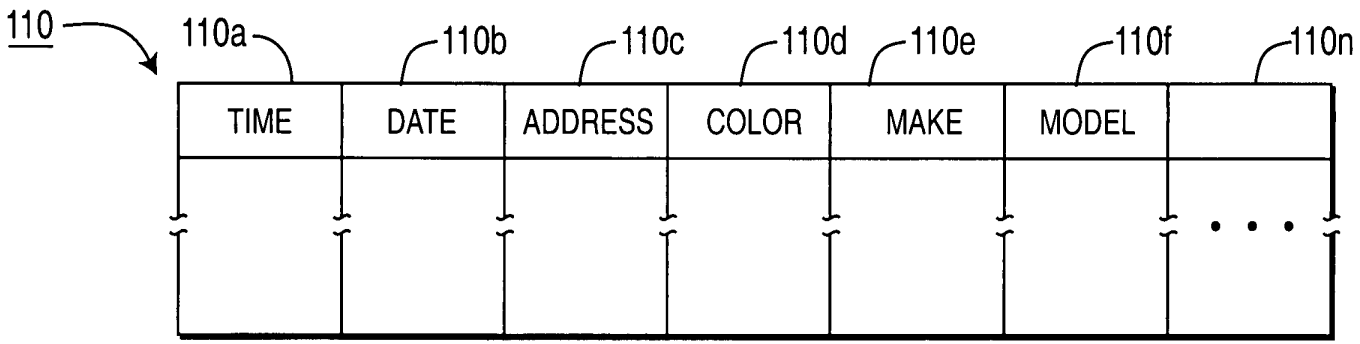
110
110a
110b
110c
110d
110e
110f
110n
TIME
DATE
ADDRESS
COLOR
MAKE
MODEL

FIG. 4D

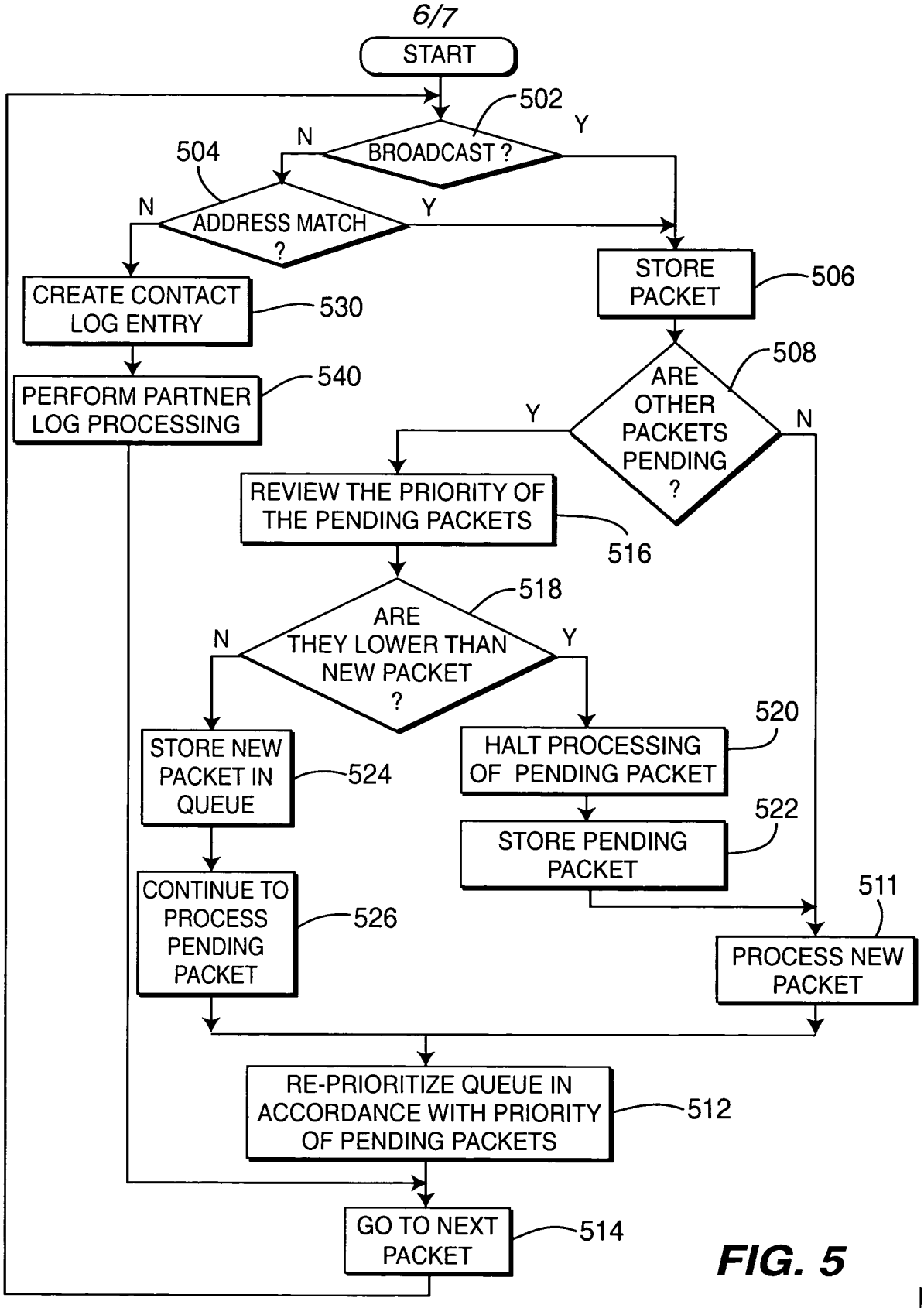
START
502
BROADCAST ?
Y
N
504
ADDRESS MATCH ?
N
Y
CREATE CONTACT LOG ENTRY
530
STORE PACKET
506
PERFORM PARTNER LOG PROCESSING
540
508
ARE OTHER PACKETS PENDING ?
Y
N
REVIEW THE PRIORITY OF THE PENDING PACKETS
516
518
ARE THEY LOWER THAN NEW PACKET ?
N
Y
STORE NEW PACKET IN QUEUE
524
HALT PROCESSING OF PENDING PACKET
520
STORE PENDING PACKET
522
CONTINUE TO PROCESS PENDING PACKET
526
511
PROCESS NEW PACKET
RE-PRIORITIZE QUEUE IN ACCORDANCE WITH PRIORITY OF PENDING PACKETS
512
GO TO NEXT PACKET
514

FIG. 5

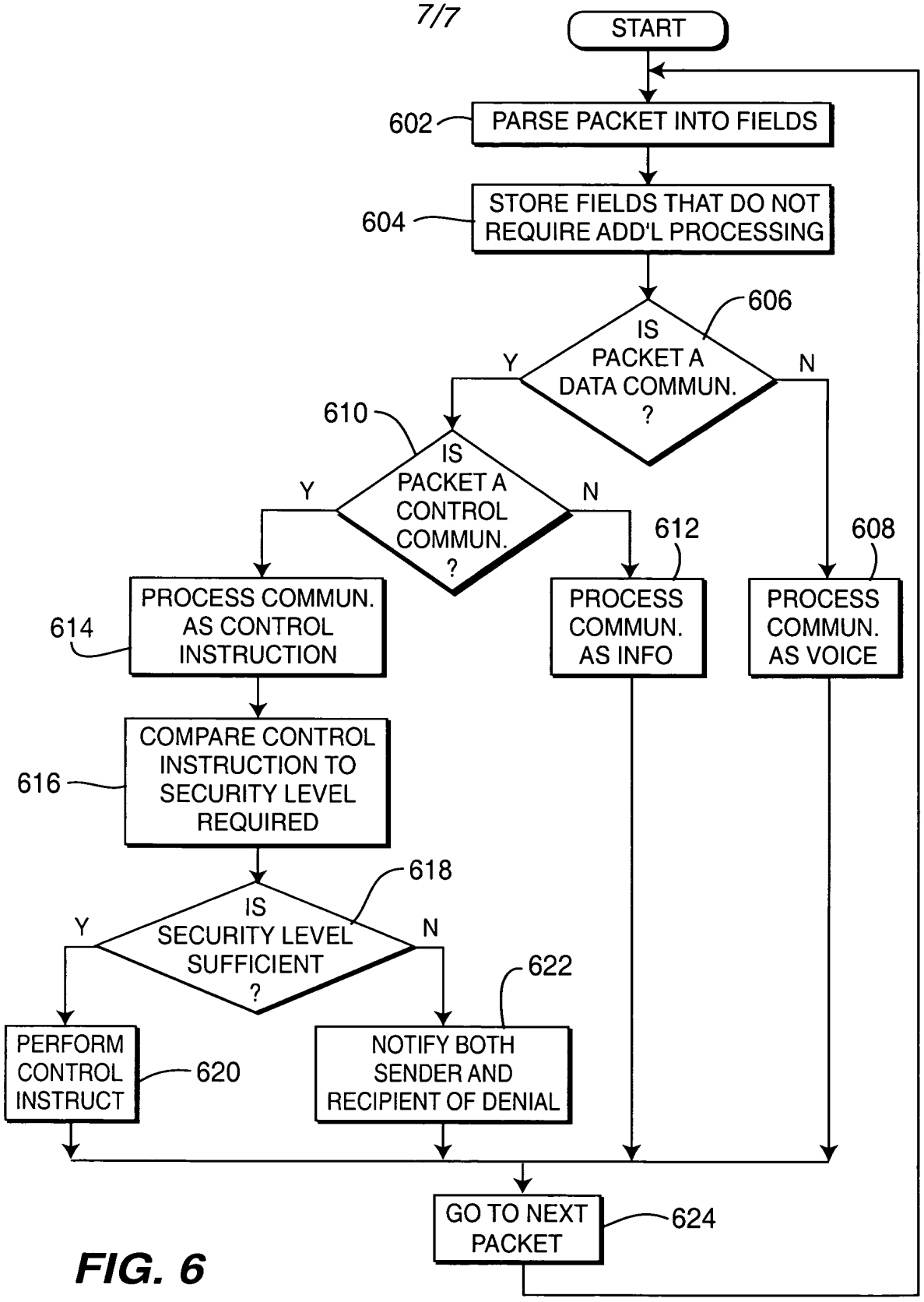
START
602
PARSE PACKET INTO FIELDS
604
STORE FIELDS THAT DO NOT REQUIRE ADD'L PROCESSING
606
IS PACKET A DATA COMMUN. ?
Y
N
610
IS PACKET A CONTROL COMMUN. ?
Y
N
612
608
PROCESS COMMUN. AS CONTROL INSTRUCTION
614
PROCESS COMMUN. AS INFO
PROCESS COMMUN. AS VOICE
COMPARE CONTROL INSTRUCTION TO SECURITY LEVEL REQUIRED
616
618
IS SECURITY LEVEL SUFFICIENT ?
Y
N
622
PERFORM CONTROL INSTRUCT
620
NOTIFY BOTH SENDER AND RECIPIENT OF DENIAL
GO TO NEXT PACKET
624

FIG. 6